



**Assistant Professor Dr.  
WALEED KHALID ABDULJABBAR**

**PERSONAL PARTICULARS**

Permanent Address : Al-Anbar, Iraq  
Phone No : +9647809621844  
E-mail address : [kwaleed75@yahoo.com](mailto:kwaleed75@yahoo.com) or [waleed75@uofallujah.edu.iq](mailto:waleed75@uofallujah.edu.iq)  
Pass. No : A7509384  
Date & Place Birth : May 14, 1975, Iraq, AL-Anbaar, Fallujah  
Age : 44  
Nationality : Iraqi  
Marital Status : Married (with three children)  
Height & Weight : 1.87M & 90kg  
Health : Excellent  
Hobbies : Reading, Football

**EDUCATIONAL BACKGROUND**

2014-2015 : Post doctoral (Decision Science),  
Universiti Utara Malaysia (UUM)  
2008 – 2011 : **DOCTOR OF PHILOSOPHY** (Applied Science **Physics/operation research**),  
Universiti Malaysia Pahang (UMP), Malaysia.  
2002 – 2005 : **MASTER OF SCIENCE of APPLIED SCIENCE** (Operation  
research), University of Technology, Iraq, Baghdad.  
1993 – 1997 : **BACHELOR OF SCIENCE** (Physics), University of AL-Anbar,  
Iraq, AL-Anbar.

## EMPLOYMENT HISTORY (Job Description)

- Period/Year : Nov 2018 – current
- Organization : **Universiti of Fallujahr, Faculty of Applied Science**
- Designation : Associate Professor
- Responsibilities
- Lecture for Ph.D. program (MIS,IT, OR, Project Management)
  - Develop syllabus, lesson plan & teaching plan, assessment and modules
  - Organized short courses with cooperation of Center for Continuing Education & Professional Development
- Period/Year : October 2015 – 2018
- Organization : **Universiti Utara Malaysia, College Arts and Sciences, School of Quantitative Sciences, Department Decision Sciences.**
- Designation : Visiting Senior Lecturer
- Responsibilities
- Lecture for Ms.C. and B. SC. Program (Elementary Statistics, Fellow and Consultant for Innovation and Commercialization Center.
  - Develop syllabus, lesson plan & teaching plan, assessment and modules
- Period/Year : May 2012 – Oct 2014
- Organization : **Universiti Malaysia Pahang, Faculty of manufacturing and technology management.**
- Designation : Senior Lecturer
- Responsibilities
- Deputy Dean
  - Lecture for B. SC. program
  - Develop syllabus, lesson plan & teaching plan, assessment and modules
  - Organized short courses with cooperation of Center for Continuing Education & Professional Development

- Period/Year : Nov 2005 – 2011
- Organization : **Universiti AL-Anbar, Faculty of Administration & Economics**
- Designation : Senior Lecturer
- Responsibilities
- Lecture for B. SC. program(MIS,IT, OR, Project Management)
  - Develop syllabus, lesson plan & teaching plan, assessment and modules
  - Organized short courses with cooperation of Center for Continuing Education & Professional Development
- Period/Year : Oct 1998 – Sep2001
- Organization : **Electronic Computers School, Baghdad, Iraq.**
- Designation : Lecturer
- Responsibilities
- Lecture for different courses of OR, database and MIS using Access ,Excel, FoxPro, and. Oracle
  - Organized short courses to developing the staff and lecturers.

## ACADEMIC POSITIONS

- 2012-2014      **Deputy Dean** for faculty of Administration and Economics  
2018-2019      **Deputy Dean** for faculty of Applied Science

## SUBJECTS LECTURED

1. **Universiti Utara Malaysia, College Arts and Sciences, School of Quantitative Sciences, Department Decision Sciences, Malaysia**
  - Technical Science Quantitative
  - Elementary Statistics
  - Quantum Theory.
  - Simulation
  - Mathematics
2. **Universiti Malaysia Pahang, Faculty of Technology Management, Malaysia**
  - Research Methodology
  - Management Information System
  - Inferential Statistics
  - Applied Mathematics
3. **Al-Anbar University, Administration and Economics College, Iraq**
  - Operations Research.
  - Mathematics
  - Quantitative Methods.
  - Networks.
  - Computers operating systems.
  - SPSS Programming.
  - Excel Program and Access.
  - Statistics.
  - Inventory Management.

**JOURNALS**

1. ABDULJABBAR, W. K. 2006. Building simulation model to an industrial system which applies a two-stage system of waiting. *Science Collage* 6:83-87.
2. ABDULJABBAR, W. K. and R. M. TAHAR. 2010. A Novel Transporting System Model for Oil Refinery. *American J. of Engineering and Applied Sciences* 3:138-143.
3. ABDULJABBAR, W. K. and R. M. TAHAR. 2010. A simulation and optimisation model for the transport of refinery products. *Int. J. Oil, Gas and Coal Technology* 3:160-169.
4. ABDULJABBAR, W. K. and R. M. TAHAR. 2013. Intelligent Engine for Supply and Transportation of Petroleum (IESTP). Elsevier Ltd. *Computer Science Journal* (ISSN: 1877-0509).
5. ABDULJABBAR, W. K. and R. M. TAHAR. 2011. A Case Study of Petroleum Transportation Logistics: A Decision Support System Based on Simulation and Stochastic Optimal Control. *African journal of business management* 6(11) pp. 4350-4361.
6. ABDULJABBAR, W. K. and R. M. TAHAR. 2011. Transportation Optimization Model of Oil Products. *Journal Scientific Research and Essays*, Vol. 8(5), pp. 211 -219, 4 February, 2013.
7. Developing a Business Process Simulation System of KKB. *International Journal of Applied Mathematics and Statistics*, Vol. 54(1), pp. 70-83.
8. Waleed Khalid Abduljabbar and Razamin Ramli, 2016. Building a Generic Simulation System to Enhance the Performance of Call Centers. *Journal of Engineering and Applied Sciences*, Vol. 11 (6) pp. 1408-1416.
9. Waleed Khalid Abduljabbar, Syariza Abdul-Rahman, Razamin Ramli, 2017. A New Processing of Chaos-Based Fast Image Encryption Algorithms. *Journal of Theoretical and Applied Information Technology*, Vol. 95 (11) pp. 2473-2479.
10. Ahmad, N., Ramli, R., Hew, J. Z., Teo, A. H., Ghani, N. A., & Abduljabbar, W. K. (2017). A generic simulation optimization model of emergency department resource capacity. *Journal of Engineering and Applied Sciences*, 12(6). <http://doi.org/10.3923/jeasci.2017.1558.1565>.
11. Syariza Abdul-Rahman, Aida Mauziah Benjamin, Mohd Faizal Omar, Razamin Ramli, Ku-Ruhana Ku-Mahamud, Waleed Khalid Abduljabbar, 2017. Designing and Implementation of a Web-based Architecture for an Examination Timetabling System. *Journal of Engineering and Applied Sciences*, Vol. 12 (23) PP. 7299-7305.
12. Habibulla Akhadkulov, Waleed Khalid Abduljabbar, Abdu Mohammed Ali Atta & Sokhobiddin Akhatkulov, 2018. An application of quadruple fixed point theorems to a nonlinear system of matrix equation. *Far East Journal of Mathematical Sciences (FJMS)*, Vol. 103 (3) PP. 659-669.

13. Wesam Ali Husien & Waleed Khalid Abduljabbar\* & Saba Noori Attallh, 2018. "Cycle Time Reduction in Automotive Manufacturing," The Journal of Social Sciences Research, Academic Research Publishing Group, pages 1086-1090:6. <<https://ideas.repec.org/a/arp/tjssrr/2018p1086-1090.html>>
14. Ali, A., Warip, M.N., Bduljabbar, W.K., & Atta, A.M. (2018). Evaluate & Develop a Routing Protocol of a Fully Functional Simulation System for Vehicular Ad Hoc Networks. 2018 1st Annual International Conference on Information and Sciences (AiCIS), 249-253.
15. W. K. Abduljabbar, S. A. Tomah and A. A. Ali, "Term Extraction for a Single & Multi-word Based on Islamic Corpus English," 2018 1st Annual International Conference on Information and Sciences (AiCIS), Fallujah, Iraq, 2018, pp. 107- 111.doi: 10.1109/AiCIS.2018.00031

## CONFERENCES

1. ABDULJABBAR, W. K. and A. E. H. Kassam. 2009. Successful Implementation of MRP system to Support Iraqi Manufacturing Industries. 8th Asian Academy of Management Conference, Kuantan, Pahang, Malaysia.
2. ABDULJABBAR, W. K., A. B. Othman, and L. Yao. 2009. Personal Knowledge Management: Managing Knowledge within Organizations from the Perspective of Individuals Malaysian Technical Universities Conference on Engineering and Technology, Kuantan, Pahang, Malaysia.
3. ABDULJABBAR, W. K. and R. M. TAHAR. 2009. A Novel Transporting System Model for Oil Refinery: AL-Dura refinery, Iraq.in Malaysian Technical Universities Conference on Engineering and Technology., LANKAWI, MALAYSIA.
4. ABDULJABBAR, W. K. and R. M. TAHAR. 2010. Building a Decision Support System Based on Simulation and Stochastic Optimal Control. 2nd national conference in mechanical engineering for research & postgraduate students, PAHANG, MALAYSIA.
5. ABDULJABBAR, W. K. and R. M. TAHAR. 2010. Evaluating Petroleum Terminal Operations with Scenarios Planning and Economic Simulation-Optimization. International Conference on Business and Economic Research, SARAWAK, MALAYSIA.
6. ABDULJABBAR, W. K. and R. M. TAHAR. 2010. Using Stochastic Model for Lower Financial Risk Management in Refinery Operations Planning. 2nd International Conference on Technology and Operations Management, LANKAWI, MALAYSIA.
7. ABDULJABBAR, W. K. and R. M. TAHAR. 2011. A Case Study of Petroleum Transportation Logistics: A Decision Support System Based on Simulation and Stochastic Optimal Control. Operations Research and Optimization, TEHRAN, IRAN.
8. ABDULJABBAR, W. K., R. M. TAHAR, and M. A. Razik. 2011. Simulation Modelling of Break Bulk Terminal operations. INTERNATIONAL FEDRATION OF

OPERATIONAL RESEARCH SOCIETIES CONFERENCE (IFORS 2011), Melbourne, Australia.

9. ABDULJABBAR, W. K., R. M. Tahar, and L. Yao. 2009. Multi-Object Optimization Transportation and Distribution Rice in Malaysia. Malaysian Technical Universities Conference on Engineering and Technology, Kuantan, Pahang, Malaysia.
10. ABDULJABBAR, Waleed. Khalid, 2012. The Successful Implementation Road of MRP to Support and Developing Iraqi Manufacturing Industries. Aljnan University Conference on Management Globalization in the Knowledge Era, trabls, Lebanon.
11. Alhayali, Waleed Khalid, 2013. Information and communication technologies and their impact on the quality of the tourism and hospitality sector service. Faculty of tourism. Kerbalaa University, Iraq.
12. Alhayali, Waleed Khalid, Husain, Wisam Ali, 2013. Efficient resource management planning of tourism and its impact on the development of religious tourism in Iraq. Faculty of tourism. Kerbalaa University, Iraq
13. ABDULJABBAR, Waleed. Khalid, 2014. Intelligent Engine for Supply and Transportation of Oil Productions, international conference (ASCENT 2014),FTMS college, Malaysia
14. Norazura Ahmad, Razamin Ramli, Jafri Zulkepli Hew, Aik Howe Teo, Noraida Abdul Ghani, Waleed Khalid Abduljabbar.2015. A Generic Simulation Optimization Model of Emergency Department Resource Capacity, 4<sup>th</sup> International Conference on Technology Management, Business and Entrepreneurship
15. Waleed Khalid Abduljabbar, Jastini Mohd Jamil, Izwan Nizal Mohd, Waleed K. Ahmed, Azhar Tareq Ali, 2016. A Hybrid Database Encryption Algorithm Based on Reverse String And Dynamic Key, International Conference on Information and Communication Technology for Transformation (IC-ICT4T 2016).
16. Abduljabbar, W. K., Abidin, N. Z., Ilyas, K., & Ahmad, N. (2017). A modelling framework for mitigating customers' waiting time at a vehicle inspection centre. AIP Conference Proceedings, 1905(1), 40002. <http://doi.org/10.1063/1.5012190>
17. Abduljabbar, W. K., Warip, M. N. M., Yaakob, N., Ali, A. T., & Atta, A. M. A. (2017). Evaluation and development the routing protocol of a fully functional simulation environment for VANETs. AIP Conference Proceedings, 1905(1), 40006. <http://doi.org/10.1063/1.5012194>

## Awards

1. **Patent No. PTA3.81** for my thesis under project title "Intelligent Engine for Supply and Transportation of Petroleum (IESTP)",
2. **Copyright registration No. LY2016001259 (Ref. No. UUM/ICC/A-5/2)** for Invention, A Novel Accident Investigation Management System (NAIMS), 2016.
3. **Copyright registration No. LY2017001903 (Ref. No. UUM/ICC/A-5/2 (4))** for Invention, A Heuristic Scalable Decision Support System, 2017.
4. **Gold medal** of poster titled. A Heuristic Scalable Decision Support System (HSDSS). I-RIA 2017 (Innovative Research, Invention & Application), Malaysia.
5. **Silver medal** of poster titled. A Novel Accident Investigation Management System (NAIMS). ITEX 2016 (International Invention & Innovation Exhibition).
6. **Silver medal** of poster titled. Accident Investigation Management System (AIMS). I-RIA 2016 (Innovative Research, Invention & Application), Malaysia.
7. **Silver medal** of poster titled. Intelligent Engine for Supply and Transportation of Petroleum. CITREX 2011 (Creation, Innovation, Technology & Research Exposition) Competition.
8. **Bronze Medal** for the invention "Asarfonts: Writing Tools for Islamic & Arabic Education". 22nd international invention, innovation and technology exhibition (ITEX2011). Kuala Lumpur, Malaysia.
9. **Special Awards for International Research Grant SQS 2017**, School of quantitative sciences (SQS), college arts and sciences (CAS), Universiti Utara Malaysia (UUM), 2018
10. My invention has been chosen to participate in **PECIPTA 2011** exhibition which will be held on 13-15th September 2011 at Kuala Lumpur Convention Centre (KLCC) under Title: "Intelligent Engine for Supply and Transportation of Petroleum (IESTP)".

## AREAS OF RESEARCH

- Mathematical Modeling
- Quantum Mechanic
- Thermodynamics
- Production and Operation Management
- Discrete Simulation and System Dynamics (Functional areas: Supply Chain, Logistics/ Transportation, Business Process Modeling Production & Operation Management & Service Industries)
- Information Systems



## RESEARCH

1. A CONCEPTUAL FRAMEWORK FOR SMOOTH VEHICLE DIAGNOSTICS SERVICES (V-DISER), **International Grant** (4,500 USD) with ABER MAJAN TRAD CO.LLC, MUSCAT, OMAN, **So Code (777381)**, UUM, Malaysia, 2017-2018.
2. An Integrated Simulation-Based Optimization Model For Waiting Time Reduction At Vehicle Inspection Centre Of Puspakom, **Fundamental Research Grants** (102,800 RM), **So Code (13570)**, UUM, Malaysia, 2016.
3. Design and Develop An Intelligent And Generic Open Source Portal For The Departments, Lecturers And Students, **International Grant** (1500 USD) with BAYAN UNIVERSITY, ERBIL, IRAQ, **So Code (777293)**, UUM, Malaysia, 2016-2017.
4. Developing Simulation System of Universiti Utara Malaysia Green Supply Chain Knowledge Sharing, **University Grant** (20,000 RM), **So Code(13411)**, UUM, Malaysia, 2016-2017.
5. Reducing road traffic congestion by controlling traffic light system. Dissertation-Master. **Main Supervisor** for Ms.C student, UUM, Malaysia, 2017.
6. **Building a Simulation Model** for a Production Scheduling Problem, Iraq,2005
7. **Developing the Maintenance Management System** in the General Company of Ceramic and Glasses, Iraq, 2006
8. Research assistant of the project titled "Business Process Simulation of Healthcare System". **(RDU 090357)**
9. Research assistant of the project titled "Design of smart energy level controller for UMP building". **(RDU 090342)**
10. Research assistant of the project titled "POWER QUALITY ASSESSMENT OF MALAYSIAN INDUSTRIES USING EXPERT SYSTEM". **(RDU 090348)**
11. Research assistant of the project titled "PEMBANGUNAN SISTEM PENULISAN TRASLITERASI BAHASA ARAB KEPADA TULISAN". **(RDU 0903144)**

## Professional member

- Research Invitation to build project management System for project titled "Planning of Maintenance and Safety Study", Bayan University, Erbil, Iraq, 22/06/2016
- Appointment as Invigilator for the Final Examination. Second Semester, 2015/2016 Session, School of Quantitative Sciences, College Arts and Sciences, Universiti Utara Malaysia (UUM), 15 May 2016.
- Appointment as Fellow and Consultant for Innovation and Commercialisation Center (ICC), Universiti Utara Malaysia (UUM), 2016-2017.

- A Programming Consultant for the Research Grant: UIC110301 (Commercialization Grant), product titled: "AsarFonts: Writing Tools for Islamic and Arabic Scripts", Universiti Malaysia Pahang (UMP) 1<sup>st</sup> Jun 2015 – Current.
- Faculty member in the Administration & Economic, General Administration Department, 2005-2008.
- Sabbro Contracting & Trading L.L.C, Supervisor for Information Technology (IT), 2004-2005.
- AL Khalane CO. General Trading & Contracting L.L.C, Manager of Information Technology (IT), 2006-2007.
- Electronic Computers School, lecturer, 1998-2001.
- National Center for Computers, courses in Visual FoxPro and Visual Basic, 2000.

## Acknowledgments

- From Dean of faculty of the Administration & Economic, Ahmed Abdul Razaq Salman, Iraq-Al Anbar, 2006.
- From Dean of faculty of Veterinary Medicine, Abdulsattar Faraj Majid, Iraq-Al Anbar, 2006.
- From the dean of Faculty of the Administration & Economic, Emad Ammar Ismael, Iraq-Al Anbar, 2007.
- From Dean of Faculty of the Administration & Economic, Dr Khalil Khalaf Iraq-Al Anbar, 2013.
- From Dean of college of Veterinary Medicine, Ibrahim Abdul Karim, Iraq-Al Anbar, 2013.
- From a Head of administration department of Faculty of the Administration & Economic, Khalid Abdullah, Iraq-Al Anbar, 2013.
- From a Head of economics department of Faculty of the Administration & Economic, Ahmed Wehab, Iraq-Al Anbar, 2013.
- From University President of Al Anbar University, Professor Dr. Khalil Ibrahim Al-Duleimi, Iraq, Al Anbar, 2013.
- From Dean of Faculty of the Administration & Economic, Assist Prof. Sami Hameed Abbas, Iraq-Al Anbar, 2013.

## COMPUTER SKILLS

- Microsoft office (Words, Excel, Access, and Power Point).
- Developing Computer Systems with Microsoft Visual Basic.
- Developing Computer Data Base Systems with Microsoft Visual FoxPro.
- Building Models using Mat lab.
- DO all types of analysis using SPSS.
- Developing Simulation Systems using ARENA.

## TRAINING ATTENDED

- Object Oriented Programming (OOP), Iraq-Baghdad.
- SPSS Programming, Iraq-AL Anbaar.
- Visual Basic Programming, Iraq-Baghdad.
- Visual foxpro, Iraq-Baghdad.
- Computer Networking Iraq-Baghdad.